

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,991,857 B2  
APPLICATION NO. : 09/995608  
DATED : January 31, 2006  
INVENTOR(S) : Akira Tsuboyama et al.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE [56] REFERENCES CITED:

U.S. Patent Documents, "12/1997 Börner et al." should read  
--12/1997 Börner--; and  
Other Publications, (page 2 column 2)  
after "Sergey" (first occurrence): "Apr. 15, 2001." should read --Apr. 13,  
2001.-- and "4304-2312" should read --2304-2312--;  
after "Sergey" (second occurrence): "Pt(11)" should read --Pt(II)-- and "(111)"  
should read --(III)--;  
after C.H. Chen: "no month." should read --(no month).--;  
after K.A. King: "J. Am. Chem. Soc." should be italicized; and  
after Maestri: "Luninescence of Cyco-" should read --Luminescence of  
Cyclo- --.

COLUMN 9:

Line 38, "is" should read --are--;  
Line 43, "Electrophotophorescent" should read --Electrophosphorescent--; and  
Line 66, "different two" should read --two different--.

COLUMN 10:

Line 45, "H" should be deleted.

COLUMN 15:

Line 21, "to" should be deleted;  
Line 36, "benzothienyl-pyridine" should read --benzothienylpyridine--;  
Line 42, "zothienyl-pyridine" should read --zothienylpyridine--; and  
Line 54, "benzothienyl-pyridine" should read --benzothienylpyridine--.

COLUMN 16:

Line 21, "benzo-thienylpyridine" should read --benzothienylpyridine--.

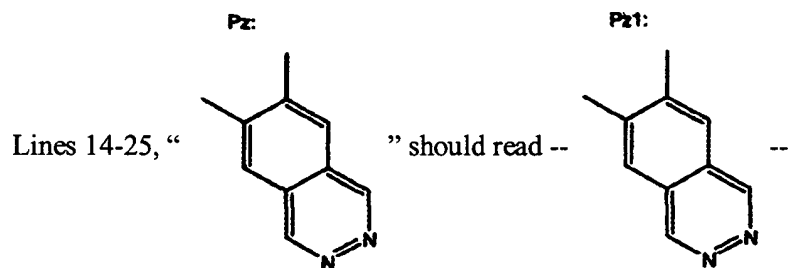
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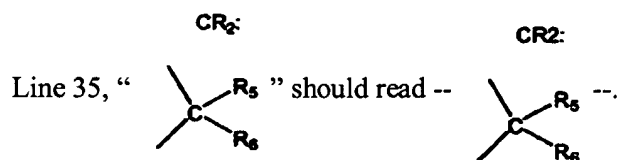
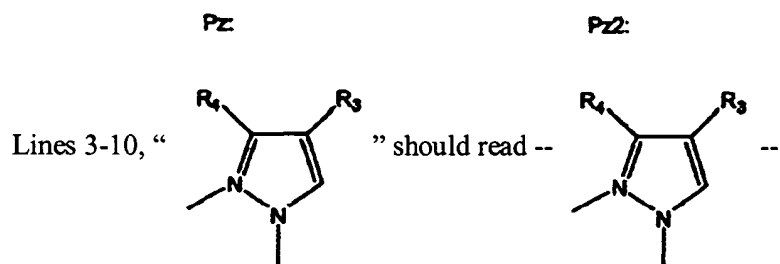
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 19:



COLUMN 20:



COLUMN 23:

Table 1, Nos. 81 through 100: “Pr1” should read --Py1--; and  
Table 1, Nos. 121 through 136: “Pr2” should read --Py2--.

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COLUMN 25:

Table 1, Nos. 137 through 140: "Pr2" should read --Py2--; and  
Table 1, No. 194, after "Pr NR Cnl": "H" should read -- --.

COLUMN 29:

Table 1, No. 292, after "Pr" (second occurrence): "Qx1" should read --Qz1--;  
Table 1, No. 293, after "Pr" (second occurrence): "Qx2" should read --Qz2--;  
and  
Table 1, No. 327, after "Pr": "Tn1" should read --Tn2--.

COLUMN 31:

Table 1, No. 363, after "Py2 Qzl": "H -" should read -- H --; and  
Table 1, No. 406, after "Ir 2 1": "pa" should read --Pa--.

COLUMN 33:

Table 1, No. 481, after "Pr" (second occurrence): "Qn2" should read --Cn2--;  
and  
Table 1, No. 493, after "Pr" (second occurrence): "Cr1" should read --Cn1--.

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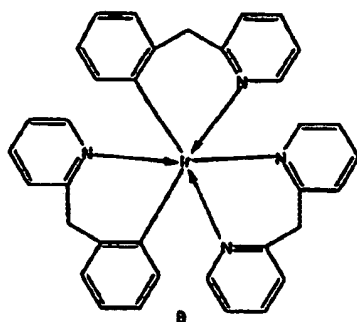
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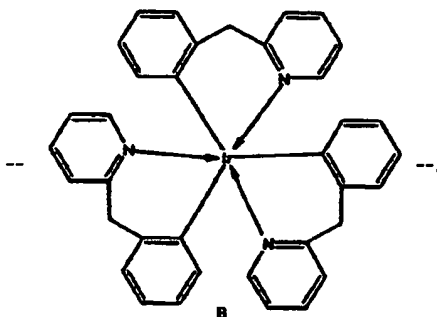
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 43:

Lines 50-65, “



” should read



COLUMN 44:

Line 6, “acetyl-acetonate” should read --acetylacetonate--.

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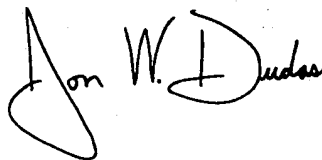
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 46:

Line 18, "12.6 g o" should read --12.6 g of--;  
Line 25, " ————— " should read -- ————— --; and  
Line 58, "followed" should read --followed by--.

Signed and Sealed this

Seventh Day of November, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, sweeping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*